

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	204	372/2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/10 14:18
L4	9	372/2.ccls. and (undulat\$3 and (group or bunch) and free near3 electron)", clm."	US-PGPUB	OR	ON	2007/07/10 14:19
L5	2	372/2.ccls. and (undulat\$3 and (group or bunch) and free near3 electron). clm.	US-PGPUB	OR	ON	2007/07/10 14:21
L6	3	(undulat\$3 and (group or bunch) and free near3 electron).clm.	US-PGPUB	OR	ON	2007/07/10 14:20
L7	1	372/73.ccls. and (undulat\$3 and (group or bunch) and free near3 electron).clm.	US-PGPUB	OR	ON	2007/07/10 14:22
L8	2	372/73.ccls. and (undulat\$3 and (group or bunch) and free near3 electron)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/10 14:22
L9	12	372/73.ccls. and free near3 electron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/10 14:23
L10	78	372/73.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/10 14:23
S1	10	((("5541944") or ("6333966") or ("5198674") or ("5353291") or ("5606588") or ("5637966") or ("5789876") or ("5892810") or ("6332017") or ("6624880"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:32
S2	11	(magnet same quadrupole same (wiggler or undulat\$3))	US-PGPUB; USPAT	OR	ON	2007/01/17 10:24

## EAST Search History

S3	133	(372/2.ccls. and (wiggler or undulat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/20 13:42
S4	67	(372/2.ccls. and (wiggler or undulat\$3)) and bunch\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:36
S5	1	S4 and plasma near3 wakefield	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:12
S6	17	S4 and plasma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:19
S7	1	("20050147147").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/17 12:16
S8	0	("7andplasma").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/17 12:17
S9	1	S7 and plasma	US-PGPUB; USPAT	OR	OFF	2007/01/17 12:26
S10	15	S4 and gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/17 12:19
S11	1	S7 and reduce\$1	US-PGPUB; USPAT	OR	OFF	2007/01/17 12:26
S12	1	("20050147147").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 14:02
S13	1	S12 and accelerat\$3	US-PGPUB; USPAT	OR	OFF	2007/01/17 15:57
S14	1	("5541944").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:32
S15	0	S14 and plasma	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:44
S16	0	S14 and wakefield	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:33

## EAST Search History

S17	42	plasma near3 cesium	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:45
S18	0	plasma near3 cesium near3 laser	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:45
S19	42	plasma near3 cesium	US-PGPUB; USPAT	OR	OFF	2007/01/18 11:45
S20	1	((undulator or wiggler) near3 focusing near3 magnet\$1)	US-PGPUB; USPAT	OR	ON	2007/01/18 14:03
S21	98	372/2.ccls. and tun\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/18 21:31
S22	22	372/2.ccls. and tun\$4 near3 wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:37
S23	17	372/2.ccls. and ((multiple or plural\$3) near3 wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:40
S24	1	372/2.ccls. and free near3 electron near3 group	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:41
S25	4	372/2.ccls. and ((multiple or variable or plural\$3) near3 energ\$3) with wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:43
S26	37	372/2.ccls. and energ\$3 near3 wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:51
S27	12	372/2.ccls. and electron near3 group	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:52

## EAST Search History

S28	783	372/2.ccls. and free near3 electron and energy range and undulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:53
S29	15	372/2.ccls. and free near3 electron and energy near3 range and undulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:56
S30	1	372/2.ccls. and bunch\$3 near3 electron same energy near3 range and undulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:56
S31	9	372/2.ccls. and bunch\$3 near3 electron and energy near3 range and undulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:59
S32	3	372/2.ccls. and bunch\$3 near3 electron and multiple near3 wavelength and undulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/18 21:59
S33	8	((("5198674") or ("5353291") or ("5606588") or ("5637966") or ("5789876") or ("5892810") or ("6332017") or ("6624880"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/20 13:43
S34	204	372/2.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/10 11:34
S35	14	S34 and fundamental near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/07/10 14:00
S36	1	("20050147147").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/10 12:09